

## **WATER CAMPUS MAINTENANCE TECHNICIAN**

### **DISTINGUISHING FEATURES**

The fundamental reason the Water Campus Maintenance Technician position exists is to perform a variety of journeyman level work in maintaining and repairing the City's water, wastewater and advanced water treatment facilities at the Water Campus in the Water Resources Department. The Water Campus Maintenance Technician receives day-to-day direction from the Water Campus Maintenance Specialist. The Water Campus Maintenance Technician position is supervised by the Senior Water Maintenance Technician.

### **ESSENTIAL FUNCTIONS**

Responsible for repair and maintenance on all types of valves, pumps and equipment including chlorinators, evaporators, electric and hydraulic valves, blowers and fans.

Responsible for repair, maintenance and modifications to complex chemical feed systems. These systems can be highly hazardous chemicals in pressurized conditions.

Plans, organizes and schedules preventive maintenance such as greasing, lubing, oil changes, re-packing or replacing seals or bearing, chain or gear adjustments.

Maintains accurate computerized maintenance management system covering various equipment related to large, complex water, wastewater and advanced water treatment systems.

Performs fabrications and upgrades such as stairs, railings, tank installations, plumbing and piping within the facilities. Performs basic welding as related to such assignments

Performs annual testing on all backflow devices within the facilities ensuring compliance with the City ordinance.

Follows technical regulations and procedures pertaining to the operation of equipment in regards to temperatures, pressures, flow rates, operational sequences, service and shutdowns.

Performs various duties under potentially harsh environmental conditions related to raw sewage and highly hazardous chemicals.

Is committed to working as a team and maintaining a safe work environment. Follows all applicable OSHA requirements.

Operates equipment such as forklift, scissor lift, trencher and backhoe as required.

### **MINIMUM QUALIFICATIONS**

#### **Knowledge, Skills, and Abilities**

##### Knowledge of:

Water, wastewater or advanced water system operations, methods, procedures, and principles, and of the related mechanical components.

##### Ability to:

Work rotating weekend shifts, holidays and a call-out schedule.

Perform basic welding requirements.

Ability to maintain, repair and diagnose any problem affecting the treatment plants.

Establish and maintain effective working relationships with co-workers, supervisors and the general public.

Operate a variety of equipment and machinery requiring continuous or repetitive arm and hand movements.

Prioritize schedule and work tasks and complete work within specified time periods and deadlines.

Move and lift heavy objects (50 pounds or more) both short and long distances.

Walk up and down stairs, climb up and down ladders and, traverse over rough terrain.

Work in adverse conditions, including extreme hot temperatures, cold temperatures, wind, rain and a high volume of noise.

**Education & Experience:**

Any combination of training, education and experience equivalent to 4 years experience in the maintenance and repair of water, wastewater or advanced water systems equipment and machinery.

Must possess and maintain during this position a valid Arizona Driver's License, with no major driving citations in the last 39 months for all driving positions.

Must possess, or obtain within one year of hire – 40 hour HAZWOPER certification and be certified as a general backflow device tester in the State of Arizona.

Must possess, or obtain within two years of hire - certification as a Water or Wastewater Treatment Operator, Grade II, from ADEQ.

**FLSA Status: Non-Exempt**

**HR Ordinance Status: Classified**